

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| S2    | 108585 | (trench via groove hole recess opening via) with (IDL interlayer inter adj layer insulat \$4 dielectric) with (etching etch etched etch\$3 pattern patterning patten\$3)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/05<br>17:18 |
| S3    | 19467  | S2 and (trench via groove hole recess opening via) with (sidewall)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/05<br>17:19 |
| S4    | 1      | 10/507340   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/28<br>07:51 |
| S5    | 57     | ("20020170896"  <br>"20040002199"  <br>"20050181581"  <br>"20050189330"  <br>"20060040473"  <br>"20060160331"  <br>"3610871"   "3626141"<br>  "3790051"  <br>"4242152"   "4531060"<br>  "5211805"  <br>"5230184"   "5251003"<br>  "5543365"  <br>"5641416"   "5656186"<br>  "5841543"  <br>"5925271"   "5968382"<br>  "5976392"  <br>"6031201"   "6121118"<br>  "6175096"  <br>"6181728"   "6285002"<br>  "6325855"  <br>"6992026").PN. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/28<br>07:52 |

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
| S6  | 647 | ("20020170896"  <br>"20040002199"  <br>"20050181581"  <br>"20050189330"  <br>"20060040473"  <br>"20060160331"  <br>"3610871"   "3626141"<br>  "3790051"  <br>"4242152"   "4531060"<br>  "5211805"  <br>"5230184"   "5251003"<br>  "5543365"  <br>"5641416"   "5656186"<br>  "5841543"  <br>"5925271"   "5968382"<br>  "5976392"  <br>"6031201"   "6121118"<br>  "6175096"  <br>"6181728"   "6285002"<br>  "6325855"  <br>"6992026") | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/28<br>07:52 |
| S8  | 8   | ("20040259291"  <br>"20050133890"  <br>"5652185"  <br>"6858470").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/28<br>10:43 |
| S9  | 50  | ("20040259291"  <br>"20050133890"  <br>"5652185"  <br>"6858470")  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/28<br>10:43 |
| S10 | 1   | 11/321350   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/28<br>10:44 |
| S11 | 108 | ("20010035401"  <br>"20010046112"  <br>"20020170896"  <br>"20040002199"  <br>"20050173387"  <br>"20050181581"  <br>"20050189330"  <br>"20050194364"  <br>"20060040473"  <br>"20060121697"  <br>"20060160331"  <br>"20080090382"  <br>"3448510"   "3610871"<br>  "3626141"  <br>"3790051"   "3824678"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>08:16 |

|     |      |  |   |    |    |                     |
|-----|------|--|---|----|----|---------------------|
|     |      | "3970819"  <br>"4242152"   "4306351"<br>  "4475027"  <br>"4531060"   "4650619"<br>  "4769310"  <br>"4814575"   "4914815"<br>  "5211805"  <br>"5230184"   "5251003"<br>  "5304357"  <br>"5382770"   "5543365"<br>  "5580473"  <br>"5609284"   "5641416"<br>  "5656186"  <br>"5814532"   "5841543"<br>  "5925271"  <br>"5968382"   "5976392"<br>  "6031201"  <br>"6121118"   "6127005"<br>  "6175096"  <br>"6181728"   "6285002"<br>  "6325855"  <br>"6376797"   "6420678"<br>  "6908784"  <br>"6992026").PN.  |   |    |    |                     |
| S12 | 1149 | ("20010035401"  <br>"20010046112"  <br>"20020170896"  <br>"20040002199"  <br>"20050173387"  <br>"20050181581"  <br>"20050189330"  <br>"20050194364"  <br>"20060040473"  <br>"20060121697"  <br>"20060160331"  <br>"20080090382"  <br>"3448510"   "3610871"<br>  "3626141"  <br>"3790051"   "3824678"<br>  "3970819"  <br>"4242152"   "4306351"<br>  "4475027"  <br>"4531060"   "4650619"<br>  "4769310"  <br>"4814575"   "4914815"<br>  "5211805"  <br>"5230184"   "5251003"<br>  "5304357"  <br>"5382770"   "5543365"<br>  "5580473"  <br>"5609284"   "5641416"<br>  "5656186"  <br>"5814532"   "5841543"<br>  "5925271"  <br>"5968382"   "5976392" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>08:16 |

|     |      |   |   |    |    |                     |
|-----|------|---|---|----|----|---------------------|
|     |      | "6031201"  <br>"6121118"   "6127005"<br>  "6175096"  <br>"6181728"   "6285002"<br>  "6325855"  <br>"6376797"   "6420678"<br>  "6908784"  <br>"6992026")   |   |    |    |                     |
| S13 | 1786 | (laser beam) with<br>(heat heat\$3) with<br>(melted melting melt<br>\$4) with (wafer<br>substrate workpiece)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>08:27 |
| S14 | 120  | (laser beam) with<br>(molten near3 (region<br>area)) with (wafer<br>substrate workpiece)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>08:28 |
| S15 | 18   | ("20020006765"  <br>"20030024909"  <br>"4562333"   "5254833"<br>  "5543365"  <br>"5622540"   "5637244"<br>  "5776220"  <br>"5826772"   "6055829"<br>  "6175096"  <br>"6211488"   "6252197"<br>  "6257224"  <br>"6259058"   "6322958"<br>  "6420678"  <br>"6489588").PN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/09/03<br>09:48 |
| S16 | 1629 | 438/795-797.ccls.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/09/03<br>11:23 |
| S17 | 52   | S13 and (molten near3<br>(region area)) with<br>(wafer substrate<br>workpiece)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>11:25 |
| S18 | 8    | S16 and (molten near3<br>(region area)) with<br>(wafer substrate<br>workpiece)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>11:27 |
| S19 | 1    | 10/507340   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>11:37 |

9/ 3/ 2008 6:10:27 PM

C:\ Documents and Settings\dle5\ My Documents\ EAST\ Workspaces\ 7340.wsp